BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Pre-Measurement Sheet

First and Part

Item No:	**14**							
Item Name:	Providing 15mm thick cement plaster in Single coat with cement mortor 1:4 to brick masonry including rounding off corners whenever required smooth rendering Providing and removing scaffolding including cost of all materials labour curing complete as per Specification							
	CHAINAGE / **Land Mark**		**NO's**	**L** (m)	**B** (m)	**D** (m)	**QTY**	**REMARKS**
For Toilets								
For Outer Wall								
		1	1	34.95		3.25	113.59	
Deductions								
Doors		0.5	-2	0.90		2.10	-1.89	
Ventilators		0.5	-4	1.80		0.60	-2.16	
						Total Qty Work Done	**109.54**	**Sqm**
						Qty Payable in this bill	**109.54**	**Sqm**

13/7/22

Assistant Engineer
Ward No -13
BBMP-Bengaluru

13/7

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Pre-Measurement Sheet

First and Part

Item No:	15								
Item Name:	Providing and fixing M.S.grill w ork for windows and Kg ventilators using M.S. flats, or M.S. square rods, or combination of M.S. flats and square rods as per approved design, drawing including cutting steel sections and welding the same to required pattern with a coat of red lead primer, cost of materials, fixtures, labour and HOM complete as per specifications. Specification No. KBS 7.12								
	CHAINAGE / **Land Mark**		**NO's**	**L** (m)	**B** (m)	**D** (m)	**QTY**	**REMARKS**
For Toilets								
	Ventilators		4	1.80		0.60	4.32	
				21Kgs|Sqm			90.72	
						Total Qty Work Done	**90.72**	**Kgs**
						Qty Payable in this bill	**90.72**	**Kgs**

12/7/22

Assistant Engineer
Ward No -13
BBMP-Bengaluru

12/7

Asst Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Measurement Sheet

First and Part

Item No:	16							
Item Name:	KSRB 14.14-5: Providing Ceramic tiles of approved make,shade and size for flooring, treads of steps and landings laid on a bed of 12mm thick, cement mortar 1:3 mix, flush pointing with white cement using colour pigment, including cost of materials, labour, curing, complete as per specifications.							
	CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Toilets								
	Toilet for Walls		9	1.25	1.45		16.31	
	Corrider-1		1	5.20	2.00		10.40	
	Corrider		1	7.35	1.45		10.66	
						Total Qty Work Done	**37.37**	**Sqm**
						Qty Payable in this bill	**37.37**	**Sqm**

16/7 to 19/7

16/7 to 19/7

Assistant Engineer
Ward No -13
BBMP-Bengaluru

Asst Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Measurement Sheet

First and Part

Item No:	17							
Item Name:	Providing skirting, dadoing, rises of steps with colour glazed tiles on 10mm thick cement plaster 1:3 and jointed with white cement slurry over existing rough plaster surface using glazed tiles of approved make and size including cost of materials, labour, complete as per specifications.							
	CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Toilets								
	Toilet for Walls		9	5.40		2.40	116.64	
	Corrider-1		1	14.40	C & Pe	2.40	34.56	
	Corrider		1	17.60		2.40	42.24	
For Deductions								
	Door		-2	0.90		2.10	-3.78	
	D1		-9	0.75		2.10	-14.18	
						Total Qty Work Done	175.49	Sqm
						Qty Payable in this bill	175.49	Sqm

16/7/22 to 19/7/22

Assistant Engineer
Ward No -13
BBMP-Bengaluru

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

...LLI DIVISION ...PALIKE

...Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Measurement Sheet

First and Part

Item No:	**18**							
Item Name:	Providing and applying painting in two coats with plastic emulsion paint of approved brand on wall surface to give an even approved shade after thoroughly brushing the surface, free from mortar drops and other foreign matter including preparing the surface even and sand paper smooth, cost of materials, labour, complete as per specifications.							
	CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Toilets								
	Qty vide plastering Items	(Item 15 b/w)					264.44	
	Deduction for Wall tiles						-175.49	
						Total Qty Work Done	**88.95**	**Sqm**
						Qty Payable in this bill	**88.95**	**Sqm**

20/7/22

Assistant Engineer
Ward No -13
BBMP-Bengaluru

20/7

24/7/22

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

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ಶೆಟ್ಟಿಹಳ್ಳಿ ಉಪವಿಭಾಗ
ಬಿಬಿಎಂಪಿ, ಬೆಂಗಳೂರು

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Measurement Sheet

First and Part

Item No:	**19**							
Item Name:	Providing and placing on terrace, polyethylene water storage Nos. tanks as per IS 12701:1996 with manhole lid and suitable locking arrangements, making holes of suitable diameter for inlet, outlet and over flow pipes, including cost of all materials, labour, transport charges, HOM and testing complete as per specifications. (For 1000 litre capacity)							
	CHAINAGE		**NO's**	**L**	**B**	**D**	**QTY**	**REMARKS**
	Land Mark			**(m)**	**(m)**	**(m)**		
For Toilets								
	Overhead tank 1000Ltrs		1	1.00			1.00	
							Total Qty Work Done	**1.00 Sqm**
							Qty Payable in this bill	**1.00 Sqm**

Assistant Engineer
Ward No -13
BBMP-Bengaluru

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Measurement Sheet

First and Part

Item No:	20	
	Supplying and fixing pressed steel door frames size 125x65 mm Sqm manufactured from 1,25mm thick carbon steel or imported steel strips with mitred joints of 900 for door openings and shutters made out of seasoned Honne wood, styles of 30 mm, thick with lock rail of 160 mm, width, top and side rails of 100 mm. width and bottom rails of 250 mm width and panel filling with 12mm thick particle board of exterior grade bonded with phenol formal dehide resin and the shutter shall be rot proof, vermin proof, heat resistant guaranteed against shrinkage, warpage and such other defects for a period of 3 years. This shall be as per approved drawings, specification and direction including cost of conveyance, manufacturing, painting with enamel paint 2 coats over primer coat, cost of' labour for all items of work, machinery, equipment and all other incidental charges with all lead, lift, loading and unloading etc., complete. The Hollow portion of the frame to be filled with cement concrete 1:2:4.	
Item Name:		

CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Toilets							
Doors		2	0.90		2.10	3.78	
					Total Qty Work Done	**3.78**	**Sqm**
					Qty Payable in this bill	**3.78**	**Sqm**

14/7

14/7/22

Assistant Engineer
Ward No -13
BBMP-Bengaluru

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Measurement Sheet

First and Part

Item No:	21							
Item Name:	Providing and fixing white vitreous china clay, water Pan closet Indian type (Squatting pan) of size 580mm with footrests, 100mm S or P trap, 10 litre low level, P.V.C flushing cistern (all are approved make) with fittings, C.I I M.S brackets, 32mm diameter flush pipe fittings and clamps, overflow arrangements with specials and 25mm mosquito proof coupling of approved design, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications. Specification No. KBS 11							
CHAINAGE Land Mark			NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Toilets								
Indian Type Pan			9	1.00			9.00	
						Total Qty Work Done	**9.00**	**Each**
						Qty Payable in this bill	**9.00**	**Each**

14/7 to 15/7/22

14/7 to 15/7

Assistant Engineer
Ward No -13
BBMP-Bengaluru

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Measurement Sheet

First and Part

Item No:	22							
Item Name:	Providing and fixing white vitreous china clay, flat back, lipped front urinal basin of 430x260x350mm in the range of two 7.5 litre P.V.C with automatic flushing cistern, C.I / M.S brackets, standard flush pipe and C.P. brass spreaders with brass unions and G.I. clamps painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.							
CHAINAGE / Land Mark			NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Toilets								
	Urinal Basin	C & R	7	1.00			7.00	14/7/22 to 15/7/22 C&R.
						Total Qty Work Done	7.00	Each
						Qty Payable in this bill	7.00	Each

14/7 to 15/7/22

14/7 to 15/7

Assistant Engineer
Ward No -13
BBMP-Bengaluru

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Measurement Sheet

First and Part

Item No:	23	
Item Name:	Providing and fixing white vitreous china clay' flat Unit back wash basin size 630x450mm with a pair of 15mm C.P brass pillar taps with C.l I M.S brackets, 32 mm C.P. brass waste of standard pattern, painting of fittings and brackets, cutting and making good the wall and floor wherever required, including cost of materials, labour complete as per specifications.	

CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Toilets Wash Basin							
Gents Toilet		2	1.00			2.00	
Ladies Toilet		2	1.00			2.00	
					Total Qty Work Done	**4.00**	**Each**
					Qty Payable in this bill	**4.00**	**Each**

Assistant Engineer
Ward No -13
BBMP-Bengaluru

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Pre-Measurement Sheet

First and Part

Item No:	24								
Item Name:	Providing and fixing 453x357mm dia rectangular Unit shape mirror with plastic moulded frame of approved make and shade with 6mm thick hard board backing including cost of materials, labour complete as per specifications.								
	CHAINAGE			NO's	L	B	D	QTY	REMARKS
	Land Mark				(m)	(m)	(m)		
For Toilets	Mirror								
		Gents Toilet		2	1.00			2.00	
		Ladies Toilet		2	1.00			2.00	
							Total Qty Work Done	**4.00**	**Each**
							Qty Payable in this bill	**4.00**	**Each**

20/7/22

Assistant Engineer
Ward No -13
BBMP-Bengaluru

20/7

20/7/22

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Measurement Sheet

First and Part

Item No:	25	
Item Name:	Providing and fixing to wall, ceiling and floor unplasticised PVC pipes 10.00 kgs/sqcm working pressure of outside diameter chemp plast / Wavin or equivalent make with pipe fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications.	

CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Toilets							
PVC Pipes		1	50.00			50.00	14/7/22 to 15/7/22
					Total Qty Work Done	**50.00**	**Rmt**
					Qty Payable in this bill	**50.00**	**Rmt**

Assistant Engineer
Ward No -13
BBMP-Bengaluru

14/7 to 15/7

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Measurement Sheet

First and Part

No:	26							
Name:	Providing and fixing CI Nahani trap of approved make conforming to ISI specifications and construction of Cistern in M-15 as per directions (Rate is inclusive of cost of materials and fixtures and conveyance of materials to work spot).							
	CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Toilets								
	CI Nahani Trap		2	6.00			12.00	
						Total Qty Work Done	**12.00**	**No,s**
						Qty Payable in this bill	**12.00**	**No,s**

Assistant Engineer
Ward No -13
BBMP-Bengaluru

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

e of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Measurement Sheet

First and Part

em No:	27							
m Name:	Providing and fixing to wall, ceiling and floor high density polyethylene pipes 6.00 kgf/sq.cm working pressure of outside diameter raising mains & exposed distribution pipes with special flange, compression type fittings, wall clips, making good the wall, ceiling and floor, including cost of all materials, labour charges, HOM and testing complete as per specifications.							
	CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Toilets								
	PVC Pipes		1	50.00			50.00	15/7/22
						Total Qty Work Done	**50.00**	**Rmt**
						Qty Payable in this bill	**50.00**	**Rmt**

Assistant Engineer
Ward No -13
BBMP-Bengaluru

15/7/22

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Pre-Measurement Sheet

First and Part

em No:	28	
n Name:	Providing and fixing Chorinated Poly Vinyl Chloride (CPVC) pipes conforming to IS 15778, having thermal stability for hot and cold water supply including all CPVC plain and brass threaded fittings including fixing the pipe with clamp at 1.00 mtr spacing. This includes jointing of pipes and fittings with one step CPVC solvent cement and testing of joints complete, (internal work exposed on wall)	

CHAINAGE / Land Mark		NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Toilets							
	CPVC Pipes	1	20.00			20.00	
					Total Qty Work Done	**20.00**	**Rmt**
					Qty Payable in this bill	**20.00**	**Rmt**

14/7 to 15/7/22

Assistant Engineer
Ward No -13
BBMP-Bengaluru

14/7 to 15/7

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Pre-Measurement Sheet

First and Part

Item No:	29								
Item Name:	Providing and fixing in position brass bib cock of approved quality nominal bore including cost of all materials, labour and HOM with all leads complete as per specifications.								
	CHAINAGE / Land Mark			NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Toilets									
				2	6.00			12.00	
							Total Qty Work Done	**12.00**	**No,s**
							Qty Payable in this bill	**12.00**	**No,s**

22/7/22

Assistant Engineer
Ward No -13
BBMP-Bengaluru

22/7

22/7/22

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru

BHURAT BENGALURU MAHANAGAR PALIKE

DASARAHALLI DIVISION

Name of the work : Construction of Ladies Toilets in Government School in Mallasandra in Ward No 13 Shettyhalli Sub Division

Pre-Measurement Sheet

First and Part

Item No:	30								
Item Name:	Supply and fixing of door frame made of hollow extruded PVC Section having dimension of 40x57mm with the wall thickness of 2mm+/-0.2mm duly reinforced with seasoned wood plank at the hinges side. The door frame top 2 corners shall be metric cut/welded.								
	CHAINAGE / Land Mark			NO's	L (m)	B (m)	D (m)	QTY	REMARKS
For Toilets									
	Door Frame			9	6.00			54.00	
							Total Qty Work Done	54.00	No,s
							Qty Payable in this bill	54.00	No,s

Assistant Engineer
Ward No -13
BBMP-Bengaluru

23/7

Asst.Executive Engineer
Shettyhalli Sub Division
BBMP-Bengaluru